
Sequence Listing was accepted.

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Reviewer: Anne Corrigan

Timestamp: Fri Sep 14 13:15:17 EDT 2007

Validated By CRFValidator v 1.0.3

Application No: 10743391 Version No: 2.0

Input Set:

Output Set:

Started: 2007-09-04 16:17:35.895

Finished: 2007-09-04 16:17:36.797

Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 902 ms

Total Warnings: 8

Total Errors: 0

No. of SeqIDs Defined: 16

Actual SeqID Count: 16

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<223> May be any amino acid.

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Ile His Thr Leu Asn Asp Lys Ile Phe Ser Tyr Thr Glu Ser Leu Ala 20 25 30

Gly Lys Arg Glu Met Ala Ile Ile Thr Phe Lys Asn Gly Ala Thr Phe 35 40 45

Gln Val Glu Val Pro Gly Ser Gln His Ile Asp Ser Gln Lys Lys Ala 50 60 Ile Glu Arg Met Lys Asp Thr Leu Arg Ile Ala Tyr Leu Thr Glu Ala 65 70 75 80 Lys Val Glu Lys Leu Cys Val Trp Asn Asn Lys Thr Pro His Ala Ile 85 90 95 Ala Ala Ile Ser Met Ala Asn 100 <210> 13 <211> 103 <212> PRT <213> Vibrio cholerae <400> 13 Thr Pro Gln Asn Ile Thr Asp Leu Cys Ala Glu Tyr His Asn Thr Gln 1 5 10 15 Ile His Thr Leu Asn Asp Lys Ile Phe Ser Tyr Thr Glu Ser Leu Ala 20 25 30 Gly Lys Arg Glu Met Ala Ile Ile Thr Phe Lys Asn Gly Ala Thr Phe 35 40 45 Gln Val Glu Val Pro Gly Ser Gln Ala Ile Asp Ser Gln Lys Lys Ala 50 55 60 Ile Glu Arg Met Lys Asp Thr Leu Arg Ile Ala Tyr Leu Thr Glu Ala 70 75 65 Lys Val Glu Lys Leu Cys Val Trp Asn Asn Lys Thr Pro His Ala Ile 85 90 95 Ala Ala Ile Ser Met Ala Asn 100 <210> 14 <211> 103 <212> PRT <213> Escherichia coli <220> <221> misc_feature <222> (21)..(21)

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Asp Lys Arg Glu Met Val Ile Ile Thr Phe Lys Ser Gly Glu Thr Phe 35 40 45

Gln Val Glu Val Pro Gly Ser Gln His Ile Asp Ser Gln Lys Lys Ala 50 55 60

Ile Glu Arg Met Lys Asp Thr Leu Arg Ile Thr Tyr Leu Thr Glu Thr 65 70 75 80

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<223> Xaa can be any naturally occurring amino acid

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Ile Tyr Thr Ile Xaa Asp Lys Ile Leu Ser Tyr Thr Glu Ser Met Ala
20 25 30

Gly Lys Arg Glu Met Val Ile Ile Thr Phe Lys Ser Gly Glu Thr Phe 35 40 45

Gln Val Glu Val Pro Gly Ser Gln His Ile Asp Ser Gln Lys Lys Ala

50 55 60

Ile Glu Arg Met Lys Asp Thr Leu Arg Ile Thr Tyr Leu Thr Glu Thr 65 70 75 80

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<222> (21)..(21)

<223> Xaa can be any naturally occurring amino acid

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Ala Pro Gln Thr Ile Thr Glu Leu Cys Ser Glu Tyr Arg Asn Thr Gln 1 5 10 15

Ile Tyr Thr Ile Xaa Asp Lys Ile Leu Ser Tyr Thr Glu Ser Met Ala 20 25 30

Gly Lys Arg Glu Met Val Ile Ile Thr Phe Lys Ser Gly Glu Thr Phe 35 40 45

Gln Val Glu Val Pro Gly Ser Gln Ala Ile Asp Ser Gln Lys Lys Ala 50 55 60

Ile Glu Arg Met Lys Asp Thr Leu Arg Ile Thr Tyr Leu Thr Glu Thr 65 70 75 80

Lys Ile Asp Lys Leu Cys Val Trp Asn Asn Lys Thr Pro Ile Ser Ile 85 90 95

Ala Ala Ile Ser Met Glu Asn

100